



JAMES A. NOYES, Director

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

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IN REPLY PLEASE
REFER TO FILE: **C-1**

May 7, 2002

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, CA 90012

Dear Supervisors:

CHANGES IN WORK FOR PUBLIC WORKS CONTRACTS ALL SUPERVISORIAL DISTRICTS 3 VOTES

IT IS RECOMMENDED THAT YOUR BOARD:

Find that the requested changes in work have no significant effect on the environment and approve the changes for the following construction contracts:

Project ID No. FCC0000623 - Live Oak Springs Canyon Drain, Unit 2, City of Santa Clarita (5), Mike Bubalo Construction Co., in amount of \$41,810.

Project ID No. FCC0000765 - Covina Park Drain and Juanstone Drain, Cities of Covina and La Verne (5), R & L Sewers, Inc., in amount of \$38,700.

Project ID No. RDC0011879 - Marengo Ave., vicinity of Altadena (5), Madison Paving, Inc., in amount of \$83,030.50.

Project ID No. RDC0012199 - Sepulveda Blvd., vicinity of Carson (2), Sequel Contractors, Inc., in amount of \$29,096.15.

Project ID No. RDC0012203 - Sepulveda Blvd., vicinities of Carson, Redondo Beach, Torrance, and Long Beach (2 and 4), Taft Electric Company, in amount of \$43,200.

Project ID No. RDC0012474 - Eastern Ave., vicinity of City Terrace (1), Security Paving Company, Inc., in amount of \$27,152.64.

Project ID No. RDC0012922 - 142nd Street, et al., vicinity of Hawthorne (2), Los Angeles Engineering, Inc., in amount of \$389,148.95.

Project ID No. RDC0012932 - Sorensen Ave., et al., vicinities of Hacienda Heights, Santa Fe Springs, and Walnut (4 and 5), All American Asphalt, in amount of \$37,353.50.

Project ID No. RDC0012949 - Rosecrans Ave., et al., vicinity of Willowbrook (2), Los Angeles Engineering, Inc., in amount of \$23,680.

Project ID No. RDC0012984 (LHP) - Angeles National Forest Intelligent Transportation System Communications Project, in the North County Area (5), HSQ Technology, Inc., in amount of \$21,264.25.

Project ID No. RDC0013049 - Santa Fe Ave., vicinities of Huntington Park and South Gate (1), C. T. & F., Inc., in amount of \$16,250.

Project ID No. RDC0013412 - Kanan Dume Rd., vicinity of Malibu (3), Sully-Miller Contracting Company, in amount of \$43,760.

Project ID No. RDC0013655 - Mullholland Hwy., vicinity of Calabasas (3), Security Paving Company, Inc., in amount of \$36,550.

Alameda Street Drain, Phase 3-B, Pump Station and Outlet Structure at Compton Creek, vicinity of Rancho Dominguez (2), Brutoco Engineering and Construction, Inc., in amount of \$6,000.

Oakglade Debris Basin and Ruby Debris Basin Enlargement, City of Monrovia (5), Terra-Cal Construction, Inc., in amount of \$29,084.50.

Project No. 9037 Unit 4, Long Beach, City of Long Beach (4), Colich and Sons, in amount of \$21,000.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

This action is to obtain Board approval for changes in public works contracts in support of the timely completion of the projects while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and necessary time extensions are listed in the enclosure for each contract.

The Director of Public Works has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Enclosed for your ratification is a change in work which I ordered for Alameda Street Drain, Phase 3-B, Pump Station and Outlet Structure at Compton Creek.

Also enclosed for your authorization are changes in work in excess of my delegated limits which are required to complete Project ID No. FCC0000623, FCC0000765, RDC0011879, RDC0012199, RDC0012203, RDC0012474, RDC0012922, RDC0012932, RDC0012949, RDC0012984, RDC0013049, RDC0013412, and RDC0013655; Oakglade Debris Basin and Ruby Debris Basin Enlargement; and Project No. 9037 Unit 4, Long Beach.

Implementation of Strategic Plan Goals

Approval of these changes in work, which are necessary to satisfactorily complete the projects, is consistent with the County Strategic Plan Goal of Service Excellence since the improved infrastructure will better serve the public.

FISCAL IMPACT/FINANCING

The estimated change order amounts for these contracts range from \$6,000.00 to \$389,148.95.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

Sufficient funds are available in the Board-approved appropriations for each of the respective projects to cover the costs of the requested changes. Detailed cost breakdowns for each of the changes, together with contract cost summaries, are included in the enclosures.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

Each of the subject contracts for the construction of public works improvements was awarded by your Board to the lowest responsible bidder in accordance with the California Public Contract Code, your Board's directives, and as recommended by the Director of Public Works.

ENVIRONMENTAL DOCUMENTATION

The changes in work as described above and in the enclosures are within the limits of the Board-approved projects and do not change any conditions which resulted in the original environmental findings.

CONTRACTING PROCESS

Each contract provides that the contractor be compensated for changes in the work as a result of changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs of each of the changes are based on contract unit prices, time and materials methods, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the enclosures.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

Approval of the requested changes by your Board will ensure the timely completion of work under each of the respective contracts and result in complete and usable facilities.

The Honorable Board of Supervisors
May 7, 2002
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CONCLUSION

Please return one approved copy of this letter to Public Works.

Respectfully submitted,

JAMES A. NOYES
Director of Public Works

RKM:pb

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Enc. 16

cc: Chief Administrative Office
County Counsel
Office of Affirmative Action Compliance

CHANGE IN WORK (AUTHORIZE)
May 7, 2002

PROJECT ID NO. FCC0000623, LIVE OAK SPRINGS CANYON DRAIN, UNIT 2
(City of Santa Clarita), Supervisorial District 5,
Contractor: Mike Bubalo Construction Co.

Project Description:

Construction of reinforced concrete pipe and box storm drains and a debris basin.

Changes in Work:

(1) Increase Height of Retaining Wall	\$10,320.00
(2) Construct Access Road for Debris Basin	<u>31,490.00</u>
Total	<u>\$41,810.00</u>

Description of Changes:

- (1) Due to existing field conditions, it will be necessary to increase the height of a portion of the westerly retaining wall for the debris basin. This work is not shown on the plans.
- (2) It will be necessary to construct an access road for maintenance of the debris basin. This work is not shown on the plans.

The costs for Items 1 and 2 were negotiated as provided in Subsection 3-2 of the contract specifications.

Ten additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$1,968,600.00
Changes in work previously approved by the Board	89,179.20
Changes in work to be authorized	<u>41,810.00</u>
Revised contract amount	<u>\$2,099,589.20</u>

HH:ssa

CHANGE IN WORK (AUTHORIZE)

May 7, 2002

PROJECT ID NO. FCC0000765, COVINA PARK DRAIN AND JUANSTONE DRAIN
(Cities of Covina and La Verne), Supervisorial District 5, Contractor: R & L Sewers, Inc.

Project Description:

Construction of reinforced concrete pipe storm drain systems and appurtenant work.

Changes in Work:

(1)	Exploratory Excavation	\$ 3,300.00
(2)	Realign Storm Drain	8,700.00
(3)	Backfill Trench With Slurry	<u>26,700.00</u>
	Total	<u>\$38,700.00</u>

Description of Changes:

- (1) To avoid utility conflicts, it will be necessary to perform exploratory excavations at several locations to locate unmarked underground utility lines. This work is not shown on the plans.
- (2) Conflicting utility lines not shown on the plans were encountered at the intersection of Ramona Avenue and Juanita Avenue; therefore, it will be necessary to realign the drain and modify several appurtenant structures.
- (3) In order to achieve proper compaction in the vicinity of an existing 142" Metropolitan Water District's waterline, it will be necessary to utilize slurry to backfill the trench for the storm drain being installed. This work is not shown on the plans.

The cost for Item 1 will be based on a stipulated price in the contract specifications. The costs for Items 2 and 3 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Four additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$599,169.15
Changes in work to be authorized	<u>38,700.00</u>
Revised contract amount	<u>\$637,869.15</u>

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CHANGE IN WORK (AUTHORIZE)
May 7, 2002

PROJECT ID NO. RDC0011879, MARENGO AVENUE (in the vicinity of Altadena),
Supervisory District 5, Contractor: Madison Paving, Inc.

Project Description:

Resurfacing and reconstruction of roadway pavement, curb, gutter, and sidewalk; and construction of curb ramps.

Changes in Work:

(1)	Additional Concrete Curb		\$ 1,120.00
(2)	Pavement Markings and Striping Removal		1,101.00
(3)	Curb Removal		2,980.00
(4)	Unclassified Excavation		60,222.00
(5)	Crushed Miscellaneous Base	11,970.00	
(6)	Geotextile Pavement Fabric		<u>5,637.50</u>
	Total		<u>\$83,030.50</u>

Description of Changes:

(1) It will be necessary to reconstruct an additional 100 linear feet of concrete curb in order to construct the driveway approaches on Marengo Avenue.

(2) Modifications to the detours will require removal of pavement markings and striping. Since this work is not shown on the plans, it will result in increased costs in the amount shown.

(3) During removal of the existing asphalt concrete pavement on the west side of Marengo Avenue, approximately 500 linear feet of old rock and mortar curb was discovered under the pavement. It must be removed prior to the preparation of the subgrade.

(4 through 6) Because of wet soil encountered under the existing pavement on the east side of Marengo Avenue, it will be necessary to excavate 8" of soil and replace it with 8" of crushed miscellaneous base. A similar problem on the west side of Marengo Avenue will require an additional 14" of excavation and placement of crushed miscellaneous base. In addition, a geotextile pavement fabric will be placed to provide additional support for the new pavement.

The costs for Items 1 through 5 will be based on contract unit prices. The cost for Item 6 was negotiated as provided in Subsection 3-2 of the contract specifications.

Thirty-one additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$347,287.88
Changes in work to be authorized	<u>83,030.50</u>
Revised contract amount	<u>\$430,318.38</u>

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CHANGE IN WORK (AUTHORIZE)
May 7, 2002

PROJECT ID NO. RDC0012199, SEPULVEDA BOULEVARD (in the vicinity of Carson),
Supervisory District 2, Contractor: Sequel Contractors, Inc.

Project Description:

Resurfacing of roadway pavement and reconstruction of curb, gutter, sidewalk, and median.

Changes in Work:

(1) Variations in Bid Quantities	\$13,096.15
(2) Install Traffic Detection Loops	<u>16,000.00</u>
Total	<u>\$29,096.15</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) Traffic detection loops required on Sepulveda Boulevard at the Harbor Freeway on- and off-ramps were originally included in another contract for traffic signal synchronization; however, this work should be completed as part of the improvements included in this contract. To minimize traffic impacts, the work will be done at night.

The costs for Item 1 will be based on contract unit prices. The cost for Item 2 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Two additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$312,898.21
Changes in work previously approved by the Board	90,537.24
Changes in work to be authorized	<u>29,096.15</u>
Revised contract amount	<u>\$432,531.60</u>

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CHANGE IN WORK (AUTHORIZE)

May 7, 2002

PROJECT ID NO. RDC0012203, SEPULVEDA BOULEVARD (in the vicinities of Carson, Redondo Beach, Torrance, and Long Beach), Supervisorial Districts 2 and 4,
Contractor: Taft Electric Company

Project Description:

Synchronization of traffic signals.

Changes in Work:

(1) Remove and Dispose of Hazardous Water	\$ 3,200.00
(2) Modify Traffic Signal on Sepulveda Boulevard at Madrona Avenue	21,000.00
(3) Modify Traffic Signal on Sepulveda Boulevard at Madison Street	<u>19,000.00</u>
Total	<u>\$43,200.00</u>

Description of Changes:

(1) Water containing hazardous substances was found in an abandoned box culvert at the southwest corner of Sepulveda Boulevard and Vermont Avenue. It will be necessary to reimburse the contractor for the removal of this water. The box culvert must be removed to provide space for a light standard foundation.

(2 and 3) The traffic signal equipment at the intersections of Sepulveda Boulevard with Madrona Avenue and Madison Street must be modified to be compatible with striping changes being made by the City of Torrance on Sepulveda Boulevard. This work was not shown on the plans.

The costs for Items 1 through 3 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Forty-five additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$522,630.29
Changes in work previously approved by the Board	165,560.93
Changes in work to be authorized	<u>43,200.00</u>
Revised contract amount	<u>\$731,391.22</u>

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CHANGE IN WORK (AUTHORIZED)
May 7, 2002

PROJECT ID NO. RDC0012474, EASTERN AVENUE (in the vicinity of City Terrace),
Supervisory District 1, Contractor: Security Paving Company, Inc.

Project Description:

Resurfacing of roadway pavement; construction of curb ramps and bus pads; reconstruction of curb, gutter, sidewalk, and driveways; modification of traffic signals; and planting of parkway trees.

Changes in Work:

(1) Variations in Bid Quantities	\$15,152.64
(2) Repair Damaged Waterlines	<u>12,000.00</u>
Total	<u>\$27,152.64</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) While removing concrete sidewalks at various locations, the contractor encountered several interfering house service waterlines. The waterlines are old, damaged, and imbedded in the concrete. It will be necessary to remove and replace these damaged waterlines. This work is not shown on the plans.

The costs for Item 1 will be based on contract unit prices. The cost for Item 2 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Eleven additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$574,481.80
Changes in work to be authorized	<u>27,152.64</u>
Revised contract amount	<u>\$601,634.44</u>

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CHANGE IN WORK (AUTHORIZE)

May 7, 2002

PROJECT ID NO. RDC0012922, 142ND STREET, ET AL. (in the vicinity of Hawthorne),
Supervisory District 2, Contractor: Los Angeles Engineering, Inc.

Project Description:

Resurfacing of roadway pavement; construction of curb, gutters, sidewalk, and driveways; and
root pruning, removal, and planting of parkway trees.

Changes in Work:

(1) Roadway Reconstruction	\$379,698.95
(2) Loss of Production	3,400.00
(3) Remobilization	<u>6,050.00</u>
Total	<u>\$389,148.95</u>

Description of Changes:

(1 through 3) While resurfacing the existing pavement, on 129th Street and Felton Avenue, the existing roadway pavement disintegrated due to unsuitable, wet subgrade material. Therefore, it will be necessary to remove the unsuitable material and reconstruct the streets using base material and a layer of pavement fabric to provide a solid foundation for the new pavement. It will also be necessary to remove and reconstruct several sections of the curb and gutter on both streets to meet the intent of the plans. In addition, when the contractor encountered the deteriorated roadway, he lost a portion of a day's production and will be required to remobilize to complete the additional work.

The cost for Item 1 will be based on contract unit prices. The costs for Items 2 and 3 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Twenty additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$511,661.96
Changes in work previously approved by the Board	90,105.65
Changes in work to be authorized	<u>389,148.95</u>
Revised contract amount	<u>\$990,916.56</u>

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CHANGE IN WORK (AUTHORIZE)

May 7, 2002

PROJECT ID NO. RDC0012932, SORENSEN AVENUE, ET AL. (in the vicinities of Hacienda Heights, Santa Fe Springs, and Walnut), Supervisorial Districts 4 and 5,
Contractor: All American Asphalt

Project Description:

Widening and resurfacing of roadway pavement; reconstruction of curb, gutter, sidewalk, and driveways; construction of bus pads; planting of parkway trees; and modification of traffic signals and street lighting systems.

Changes in Work:

(1) Cost for Unclassified Excavation	\$ 7,987.50
(2) Asphalt Concrete Pavement	17,170.00
(3) Double-Adjust Manholes	5,421.00
(4) Additional Traffic Signal Equipment	1,475.00
(5) Additional Pavement Repairs	<u>5,300.00</u>
Total	<u>\$37,353.50</u>

Description of Changes:

(1 and 2) In several locations, extensive deterioration of the roadway will require full reconstruction instead of resurfacing as provided by the contract, necessitating additional unclassified excavation and additional asphalt concrete pavement.

(3) It will be necessary to adjust 13 additional manholes throughout the project. This work is not shown on the plans.

(4) In order to meet the intent of the design, additional signal equipment will be required at the intersection of Sorensen Avenue and Mines Avenue.

(5) The pavement at the intersection of Vallecito Drive and Sonnet Place has deteriorated since the plans were prepared and must be repaired. The contractor must be reimbursed for the additional cost.

A portion of the cost for Item 1 will be based on unit prices with the balance to be negotiated as provided in Subsection 3-2 of the contract specifications. The costs for Items 2 through 4 will be based on contract unit prices. The cost for Item 5 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Twenty additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$360,806.73
Changes in work previously approved by the Board	233,621.36
Changes in work to be authorized	<u>37,353.50</u>
Revised contract amount	<u>\$631,781.59</u>

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CHANGE IN WORK (AUTHORIZE)

May 7, 2002

PROJECT ID NO. RDC0012949, ROSECRANS AVENUE, ET AL. (in the vicinity of Willowbrook), Supervisorial District 2, Contractor: Los Angeles Engineering, Inc.

Project Description:

Resurfacing of roadway; reconstruction of curb, gutter, and sidewalk; and installation of landscaping, hardscaping, bus shelters, and street lights.

Changes in Work:

(1) Replace Sidewalk with Pavers	\$17,025.00
(2) Install Electrical Conduit	2,200.00
(3) Replace Pull Boxes	<u>4,455.00</u>
Total	<u>\$23,680.00</u>

Description of Changes:

(1) In order to meet the intent of the project design, it will be necessary to replace an additional 2,000 square feet of sidewalk along Wilmington Avenue with concrete pavers. This work is not shown on the project plans.

(2) In order to meet the intent of the project design, it will be necessary to install 160' of electrical conduit to supply power for the automatic irrigation system for the proposed landscaping in the median along Wilmington Avenue. This work is not shown on the project plans.

(3) It will be necessary to replace damaged traffic control pull boxes in the parkway area along Wilmington Avenue. This work is not shown on the project plans.

The costs for Items 1 and 3 were negotiated as provided in Subsection 3-2 of the contract specifications. The cost for Item 2 will be based on time and materials methods as provided in Subsection 3-3 of contract specifications.

No additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$1,498,088.50
Changes in work to be authorized	<u>23,680.00</u>
Revised contract amount	<u>\$1,521,768.50</u>

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CHANGE IN WORK (AUTHORIZE)
May 7, 2002

PROJECT ID NO. RDC0012984 (LHP), ANGELES NATIONAL FOREST INTELLIGENT
TRANSPORTATION SYSTEM COMMUNICATIONS PROJECT (in the North County Area),
Supervisory District 5, Contractor: HSQ Technology, Inc.

Project Description:

Installation of variable message signs along various County streets and highways.

Changes in Work:

(1) Variation in Bid Quantity - Portland Cement Concrete	\$ 4,471.00
(2) Utility Service Reimbursement	<u>16,793.25</u>
Total	<u>\$21,264.25</u>

Description of Changes:

(1) The total quantity of portland cement concrete required to complete the project in accordance with the intent of the design will be greater than estimated and will result in an increase to the contract in the amount shown.

(2) Your Board previously approved a change in work to reimburse the contractor for the connection of utility services. The cost for this work will exceed the original estimate by the amount shown.

The cost for Item 1 will be based on the contract unit price. The cost for Item 2 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

No additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$1,454,129.00
Changes in work previously approved by the Board	71,402.71
Changes in work to be authorized	<u>21,264.25</u>
Revised contract amount	<u>\$1,546,795.96</u>

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CHANGE IN WORK (AUTHORIZE)
May 7, 2002

PROJECT ID NO. RDC0013049, SANTA FE AVENUE (in the vicinities of
Huntington Park and South Gate), Supervisorial District 1, Contractor: C. T. & F., Inc.

Project Description:

Traffic signal synchronization.

Changes in Work:

(1) Variations in Bid Quantities	\$ 5,850.00
(2) Intersection Upgrades	8,400.00
(3) Relocate Pedestrian Signals	1,000.00
(4) Install Advance Loops	<u>1,000.00</u>
Total	\$ <u>16,250.00</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) It will be necessary to install a 3" conduit across the intersection of Santa Fe Avenue and Firestone Boulevard since the existing conduit is deteriorated and unusable. It will also be necessary to replace the existing 1" conduit with a 2" conduit at the intersection of Santa Fe Avenue and Florence Avenue in order to provide room for the new conductors.

(3) It will be necessary to relocate pedestrian signals from existing Type 3 standards to the newly installed Type 1 standards at the northeast and southwest corners of Santa Fe Avenue and Nadeau/Broadway. This work is not required by the contract documents.

(4) It will be necessary to install two advance loops in Gage Avenue west of Santa Fe Avenue for the proper operation of the traffic signal.

The costs for Item 1 will be based on contract unit prices. The costs for Items 2 through 4 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Eleven additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$168,410.00
Changes in work to be authorized	<u>16,250.00</u>
Revised contract amount	<u>\$184,660.00</u>

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CHANGE IN WORK (AUTHORIZE)
May 7, 2002

PROJECT ID NO. RDC0013412, KANAN DUME ROAD (in the vicinity of Malibu),
Supervisory District 3, Contractor: Sully-Miller Contracting Company

Project Description:

Resurfacing of roadway pavement.

Change in Work:

Additional Roadway Reconstruction	\$43,760.00
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Description of Change:

After construction began, it was discovered that several sections of the roadway pavement within the project limits are in very poor condition and must be reconstructed. This work will be performed prior to paving the roadway and is needed in order to provide a solid foundation for the new pavement and to prevent its premature failure. This work is not shown on the project plans. The cost for this change was negotiated as provided in Subsection 3-2 of the contract specifications.

Three additional working days will be required because of this change.

Revised Contract Amount:

Original contract amount	\$497,670.10
Change in work to be authorized	<u>43,760.00</u>
Revised contract amount	<u>\$541,430.10</u>

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CHANGE IN WORK (AUTHORIZE)
May 7, 2002

PROJECT ID NO. RDC0013655, MULHOLLAND HIGHWAY (in the vicinity of Calabasas),
Supervisory District 3, Contractor: Security Paving Company, Inc.

Project Description:

Resurfacing and reconstruction of roadway pavement; constructing of inverted shoulders; and
installation of guardrail.

Changes in Work:

(1) Variations in Bid Quantities	\$ 1,350.00
(2) Reimbursement Due to Delay	13,000.00
(3) Additional Concrete Pavement	<u>22,200.00</u>
Total	<u>\$36,550.00</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) The contractor was directed to stop construction of improvements on the road shoulder to allow time to address concerns regarding access to the equestrian trail on the east shoulder north of Stunt Road. It will be necessary to reimburse the contractor for costs incurred due to this delay.

(3) In order to meet the intent of the design, additional asphalt concrete pavement will be required at several locations to properly repair damaged pavement.

The costs for Items 1 and 3 will be based on contract unit prices. The cost for Item 2 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Three additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$378,764.49
Changes in work to be authorized	<u>36,550.00</u>
Revised contract amount	<u>\$415,314.49</u>

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CHANGE IN WORK (RATIFY)
May 7, 2002

ALAMEDA STREET DRAIN, PHASE 3-B, PUMP STATION AND OUTLET STRUCTURE AT COMPTON CREEK (in the vicinity of Rancho Dominguez), Supervisorial District 2, Contractor: Brutoco Engineering and Construction, Inc.

Project Description:

Construction of a pump station, an outlet structure, and other appurtenant work.

Changes in Work:

(1) Provide Temporary Irrigation Line and Relocate Trees	\$3,500.00
(2) Deduction for Additional Pump Reviews	(1,500.00)
(3) Additional Excavation for Kinder Morgan Lines	<u>4,000.00</u>
Total	<u>\$6,000.00</u>

Description of Changes:

(1) Your Board previously approved a change in work to provide a temporary water supply line during construction to irrigate plants and to relocate several trees during the widening of a maintenance road along Compton Creek. The cost for this work exceeded the original estimate by the amount shown.

(2) The contract specifications require the contractor to pay \$500 for the third and subsequent resubmittals for the pumps to be installed. Five submittals were reviewed before final approval was granted; therefore, the contractor will be charged a total of \$1,500.

(3) The contract plans call for the boring of a 6" casing for a gasline beneath the UPRR tracks. However, there are two oil lines that are very close to the proposed casing. Kinder Morgan, the owner of the oil lines, requested that the contractor protect their lines during the jacking and boring operations by excavating and exposing their lines to permit visual inspection of the casing. The contractor is entitled to be paid for this work, which will include additional sawcutting, excavation, shoring, backfilling, and pavement repair.

The costs for Items 1 and 3 were based on time and materials methods as provided in Subsection 3-3 of the contract specifications. The cost for Item 2 was stipulated in the contract specifications.

No additional working days were required because of these changes.

Revised Contract Amount:

Original contract amount	\$3,159,842.00
Changes in work previously approved by the Board	49,676.00
Changes in work to be ratified	<u>6,000.00</u>
Revised contract amount	<u>\$3,215,518.00</u>

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CHANGE IN WORK (AUTHORIZE)

May 7, 2002

OAKGLADE DEBRIS BASIN AND RUBY DEBRIS BASIN ENLARGEMENT

(City of Monrovia), Supervisorial District 5, Contractor: Terra-Cal Construction, Inc.

Project Description:

Construction of reinforced concrete retaining walls and slabs, grading and paving of an access road, installation of a chainlink fence, and planting of shrubs.

Change in Work:

Increased Costs Due to Project Delay	\$29,084.50
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Description of Change:

Although this project was scheduled to begin in August 2000, the work was postponed until a permit could be obtained from the City of Monrovia. Prior to issuance of the permit, a number of environmental issues had to be resolved. The permit has now been issued, and the contractor is scheduled to begin on July 2, 2002, which is the earliest date allowed in the Fish and Game permit. This change reflects the increased costs for prevailing wages, equipment rental, and material costs since the time of bid. The cost for this change was negotiated as provided in Subsection 3-2 of the contract specifications.

No additional working days will be required because of this change.

Revised Contract Amount:

Original contract amount	\$635,472.00
Change in work to be authorized	<u>29,084.50</u>
Revised contract amount	<u>\$664,556.50</u>

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CHANGE IN WORK (AUTHORIZE)

May 7, 2002

PROJECT NO. 9037 UNIT 4, LONG BEACH (City of Long Beach),
Supervisory District 4, Contractor: Colich and Sons

Project Description:

Construction of a reinforced concrete pipe storm drain system.

Changes in Work:

(1) Restoration of Existing Improvements	\$ 3,800.00
(2) Additional Soil and Groundwater Testing	1,700.00
(3) Soil Screening	<u>15,500.00</u>
Total	<u>\$21,000.00</u>

Description of Changes:

(1) In order to avoid the removal of an existing 36" Eucalyptus tree that interferes with the installation of a connector pipe on the southwest corner of 15th Street and Pacific Avenue, it will be necessary to realign the pipe. The realignment will necessitate the reconstruction of an access ramp and an area of the concrete pavement. This work is not included in the plans.

(2) It will be necessary to perform additional soil and groundwater testing for contaminants in Daisy Avenue. This work is not shown on the plans.

(3) In order to excavate the trench for the storm drain, the remains of an existing structure which contained treated wood piles was encountered. In order to properly dispose of this material, it will be necessary to use a power screener to separate the wood and debris from the soil. This work is not shown on the plans.

The costs for Items 1 through 3 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

No additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$4,515,000.00
Changes in work previously approved by the Board	1,168,875.60
Changes in work to be authorized	<u>21,000.00</u>
Revised contract amount	<u>\$5,704,875.60</u>

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